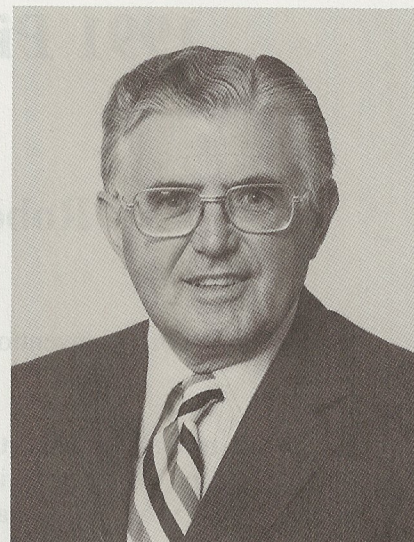


# 1991 N. Walter Cox Service Award

## Helmut E. Schrank

“For exemplary service given in a spirit of selfless dedication and cooperation.”



The *N. Walter Cox Award* recognizes an individual for his contributions to MTT-S and for the manner in which they have been provided. The Award has been established to perpetuate the memory of N. Walter Cox who worked generously and modestly for the benefit of the Society. The Award is given aperiodically to a Society volunteer whose efforts on behalf of MTT-S best exemplify the spirit and dedication of Walter Cox.

This year's recipient is Helmut E. Schrank. Active in MTT-S a decade ago, he has left a residue of respect and affection that persists until today. Hal was a member of AdCom from 1976 to 1978. During that time was in charge of Institutional Listings in the *Transactions*, in those days a significant source of income for the Society. He was also active in the standards area, serving as Chairman of the Waveguide Committee (1977-1979), and later (1980-81) as Chairman of the Standards Coordinating Committee.

**Helmut E. Schrank** (M '48, SM '56, LSM '89) was born in Berlin, Germany in 1922 and came to the United States in 1929. He received the M.E. and M.S.E.E. degrees from Stevens Institute of Technology, Hoboken, N.J. in 1943 and 1950, respectively.

From 1943 to 1948 he was employed at Bell Telephone Laboratories, Whippany, N.J. where he began his career in the field of microwave antennas. From 1948 to 1954 Hal was a Research Scientist at the Johns Hopkins University Radiation Lab in Baltimore, MD, and in 1954 he joined Bendix Radio as a Principal Engineer. Since 1957 he has been with Westinghouse Electric Corp. in Baltimore, where he was an Advisory Engineer in various Antenna Development departments until his recent retirement in 1989.

Hal has been a lecturing consultant for Technology Service Corp., Silver Spring, MD since 1974, and still teaches short courses on antenna subjects, around the USA and overseas. He has been an active member of the IEEE Antennas & Propagation Society and the Microwave Theory and Techniques Society since their beginning and served on both Adcoms. He was one of the founders of the Baltimore AP/MTT Chapter and served as its first Chairman (1955-56). He is President of AP-S for 1991.

Mr. Schrank is a Registered Professional Engineer in the state of Maryland, a member of Tau Beta Pi, and a member of Gideons International. He is also Antenna Series Book Editor for Artech House, Inc. in Norwood, MA.